I49.89:82/471/map B17

MAP B17
MMS 85-0011
FWS/OBS-82/47.1

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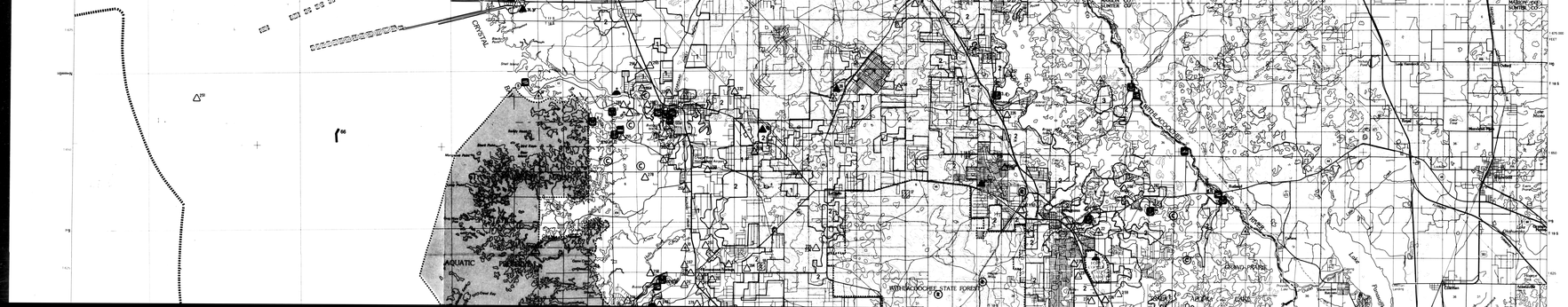
FLORIDA ECOLOGICAL ATLAS

SOCIOECONOMIC FEATURES



ORIGINAL

Scale 1:100 000

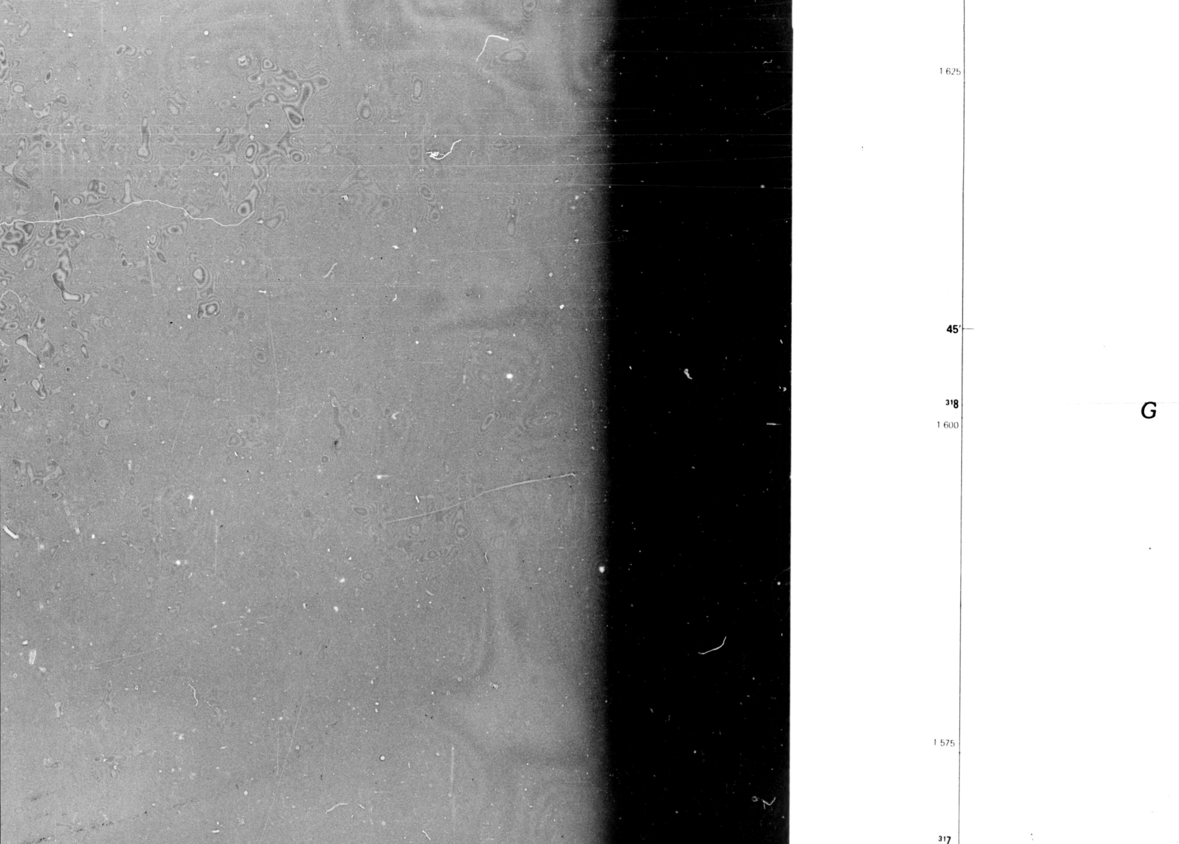
TOPICAL MAPS IN THIS ATLAS:

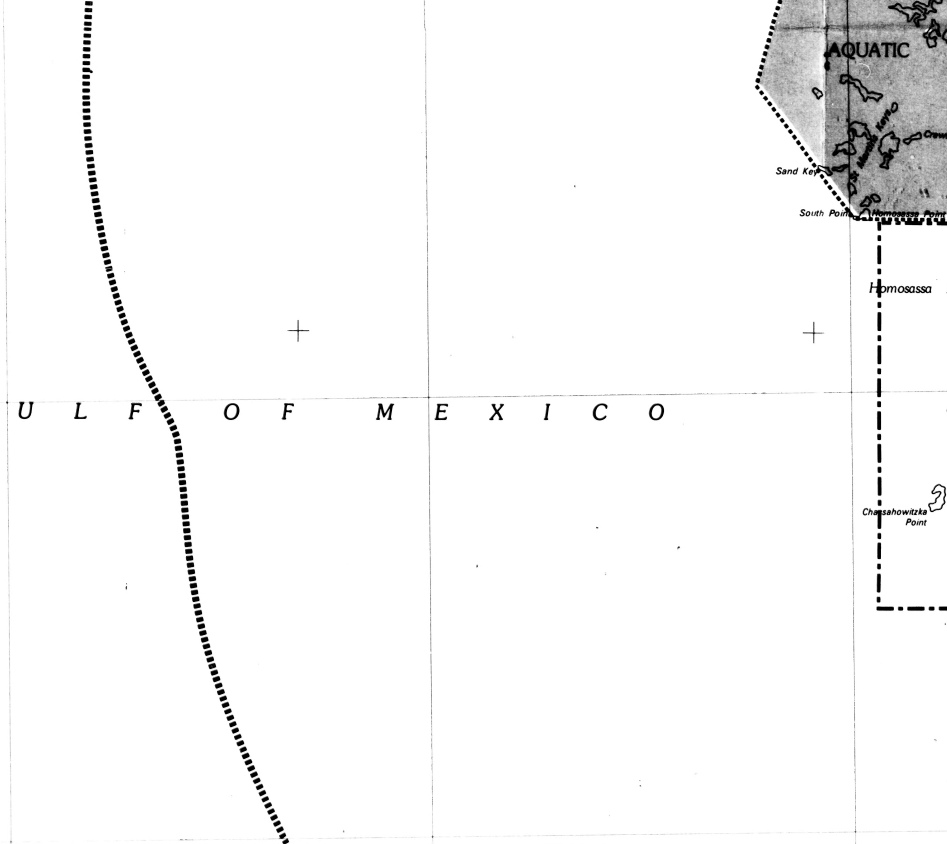
A. BIOLOGICAL RESOURCES
B. SOCIOECONOMIC FEATURES
C. SOILS AND LANDFORMS
D. OIL, GAS AND MINERALS
E. HYDROLOGY AND CLIMATOLOGY

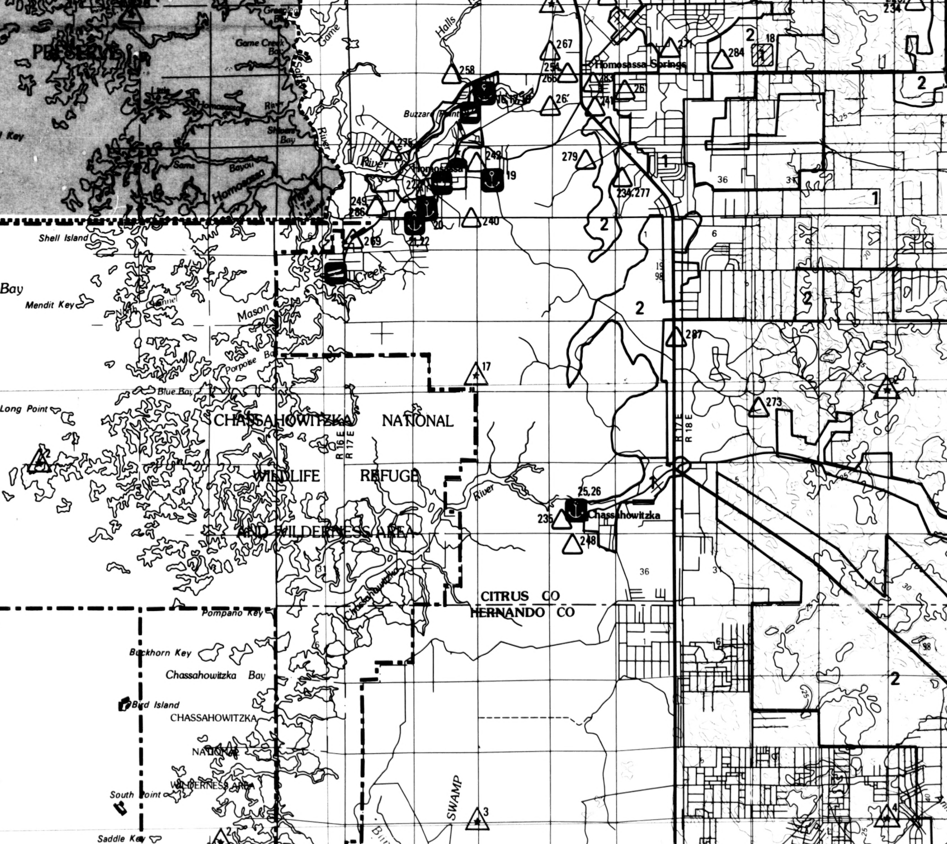
1984

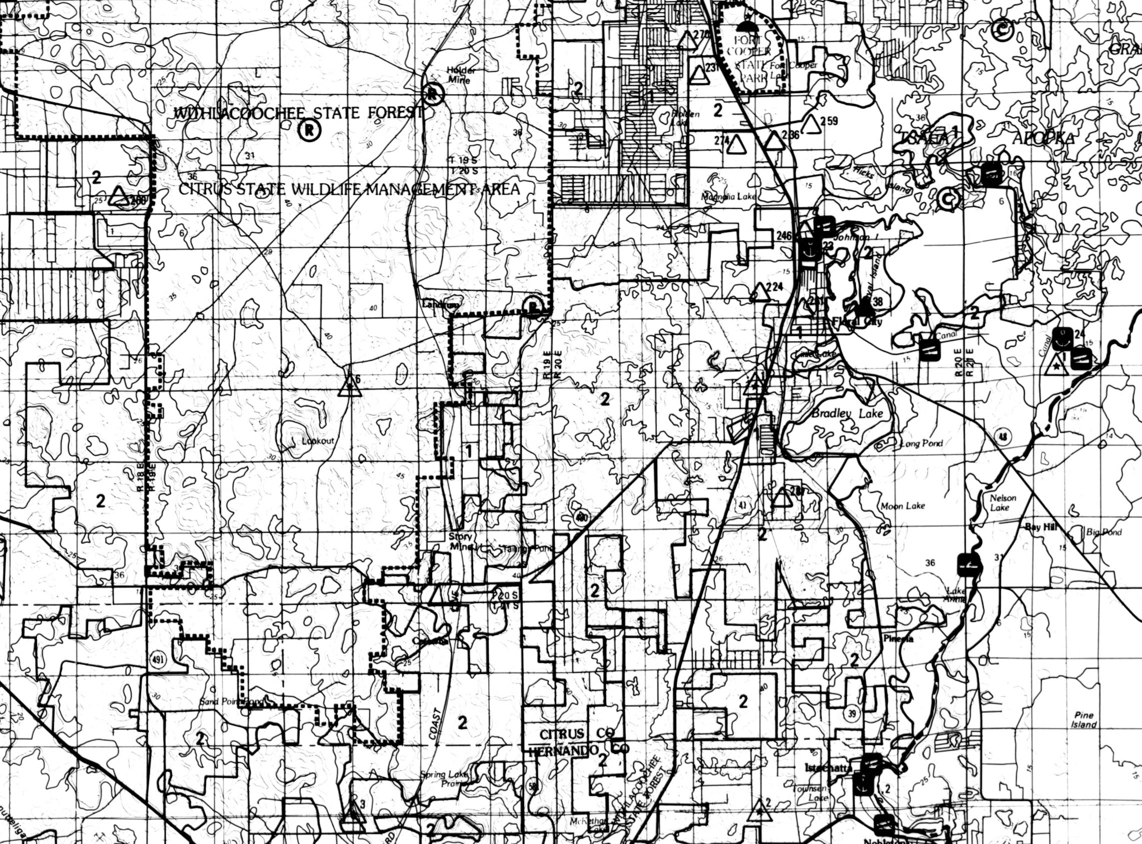
Produced by U.S. Fish and Wildlife Service
and Minerals Management Services

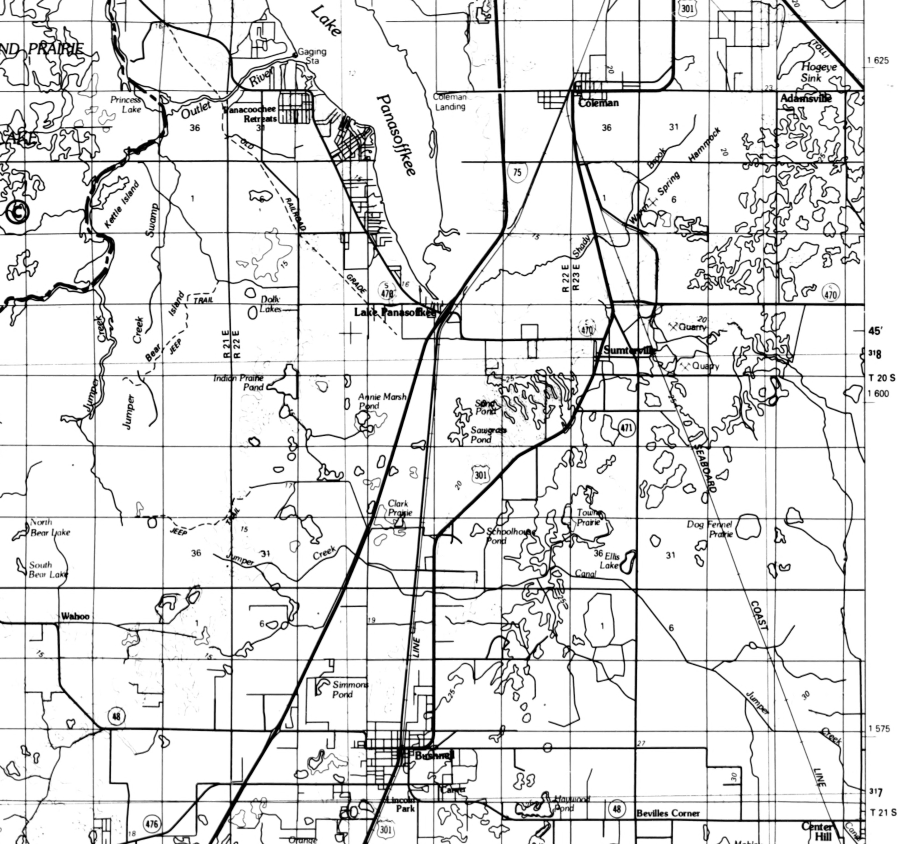
Projection and 10,000 meter grid, zone 17: Universal Transverse Mercator
10,000-foot grid ticks based on Florida coordinate system, west zone


1 625
45′
³¹8
1 600
1 575
³¹7
G


AQUATIC
St. Martins Keys
Crew
Sand Key
South Point
Homosassa Point
Homosassa
ULF OF MEXICO
Chassahowitzka Point


PRESERVE
Greenleaf Bay
Game Creek Bay
Game
Salt
River
Halls
Little Homosassa River
Shivers Bay
Sams Bayou
Homosassa
Key
Homosassa Springs
Buzzard Point
River
Homosassa
258
267
254
265
26
271
284
18
234
263
261
241
16,17,18
275
279
242
19
234,277
22
249
286
20
240
269
21,22
Creek
Shell Island
Bay
Mendit Key
North Channel
Mason
Porpoise Bay
Blue Bay
Long Point
17
287
273
CHASSAHOWITZKA NATIONAL WILDLIFE REFUGE AND WILDERNESS AREA
R 16 E
R 17 E
R 17 E
R 18 E
River
25,26
235
Chassahowitzka
248
Chassahowitzka
CITRUS CO
HERNANDO CO
Pompano Key
Buckhorn Key
Chassahowitzka Bay
Bird Island
CHASSAHOWITZKA
NATIONAL
WILDERNESS AREA
South Point
Saddle Key
SWAMP
3
4
2
1
2
2
2
1
2
2
19
98
36
36
31
31
6
6
6
1
1
5
25
25
25
20
30
40
98


WITHLACOOCHEE STATE FOREST
CITRUS STATE WILDLIFE MANAGEMENT AREA
Holder Mine
FORT COOPER STATE PARK
Fort Cooper Lake
Holden Lake
TSALA
APOPKA
GRA
Hicks Island
Magnolia Lake
Johnson L
Duval Island
Floral City
Canal
Little Lake
Bradley Lake
Long Pond
Moon Lake
Nelson Lake
Bay Hill
Big Pond
Lake Annie
Pineola
Pine Island
Istachatta
Townsen Lake
Nobleton
Landrum
Lookout
Story Mine
Tillis Pond
Sand Point Pond
Croom
COAST
Spring Lake Prairie
McKethan Lake
CITRUS CO
HERNANDO CO
WITHLACOOCHEE STATE FOREST
T 19 S
T 20 S
T 21 S
R 18 E
R 19 E
R 20 E
R 21 E
270
231
259
236
274
246
224
211
287
280
6
3
2
38
23
24
491
480
41
48
39
50
1
2

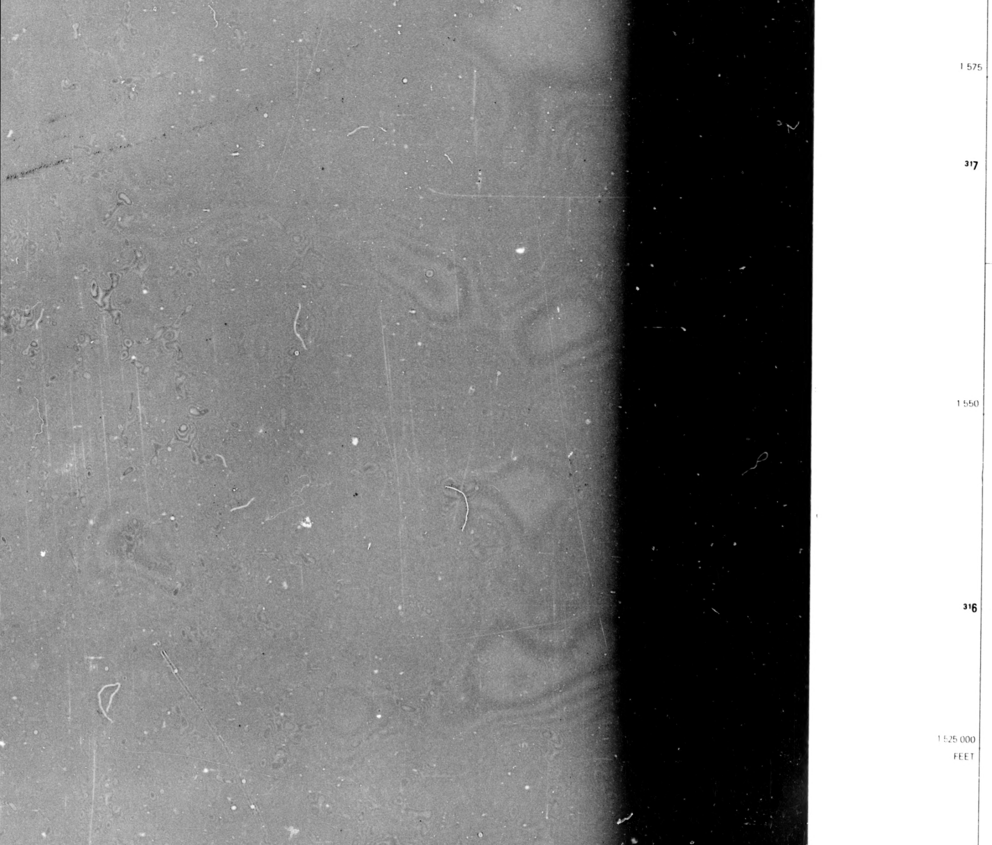

ND PRAIRIE
Lake
Panasoffkee
Gaging Sta
Outlet River
Princess Lake
Panacoochee Retreats
Coleman Landing
Coleman
Adamsville
Hogeye Sink
(TOLL)
301
75
OLD RAILROAD GRADE
Kettle Island Swamp
Brook Hammock
Warm Spring
Shady
R 22 E R 23 E
R 21 E R 22 E
S 470
470
Dolk Lakes
Lake Panasoffkee
Sumterville
Quarry
Quarry
Jumper Creek
Bear Island Creek
TRAIL
JEEP
Indian Prairie Pond
Annie Marsh Pond
Sand Pond
Sawgrass Pond
471
SEABOARD
COAST
LINE
Clark Prairie
Town Prairie
Dog Fennel Prairie
Schoolhouse Pond
Ellis Lake
Canal
North Bear Lake
South Bear Lake
JEEP TRAIL
Jumper Creek
Waboo
Simmons Pond
LINE
48
Bushnell
Center
Lincoln Park
Haywood Pond
48
Bevilles Corner
Center Hill
476
301
Orange
Jumper Creek
Canal
1 625
45′
³18
T 20 S
1 600
1 575
³17
T 21 S
36
31
1
6
36
31
1
6
36
31
1
6
36
31
1
6
15
16
20
23
25
17
19
18
27
30

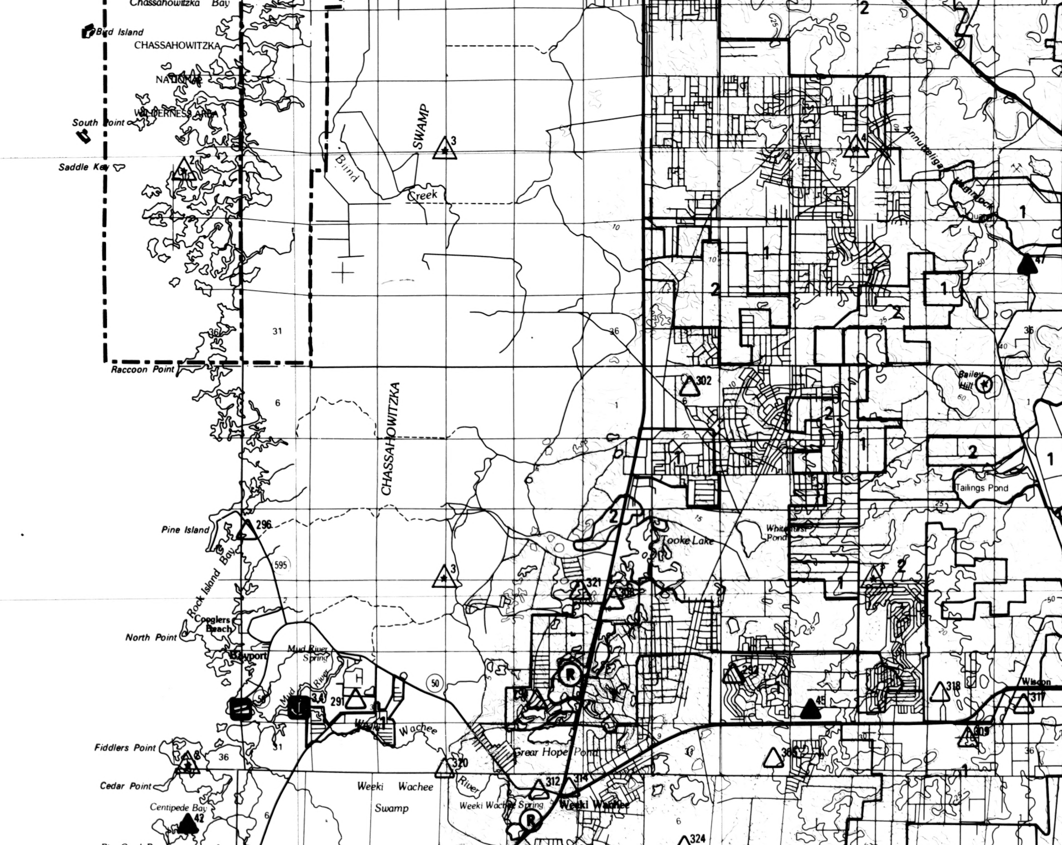
Produced by U.S. Fish and Wildlife Service
and Minerals Management Services

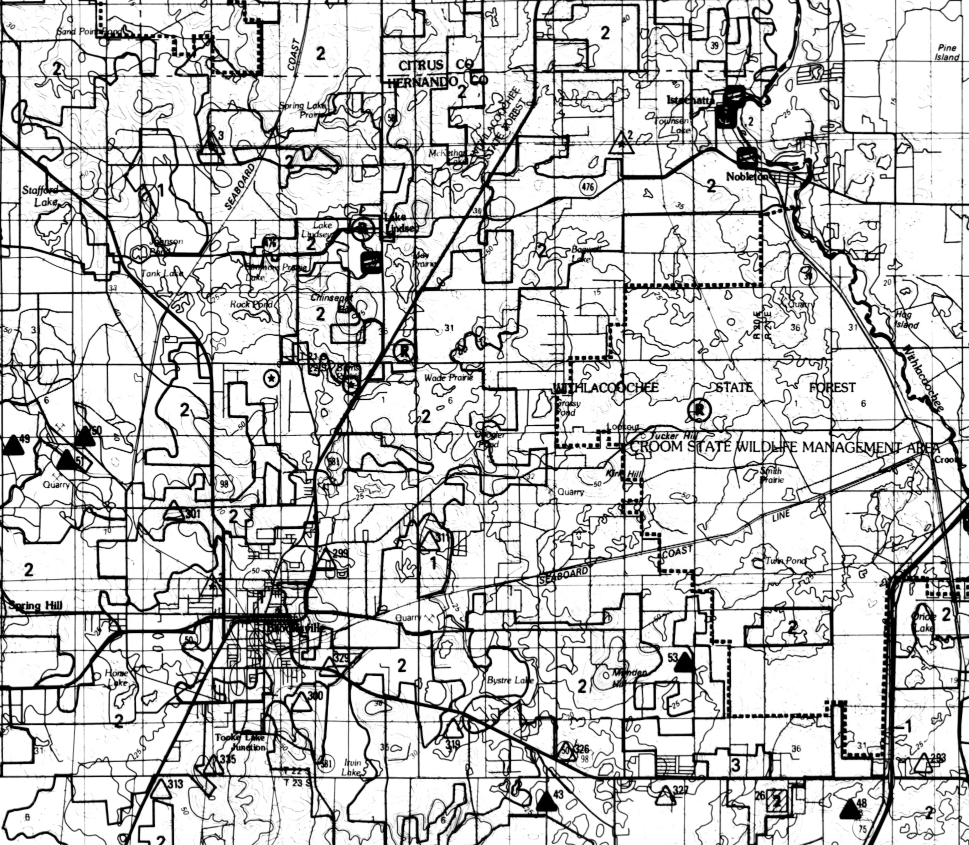
Projection and 10,000 meter grid, zone 17: Universal Transverse Mercator
25,000-foot grid ticks based on Florida coordinate system, west zone

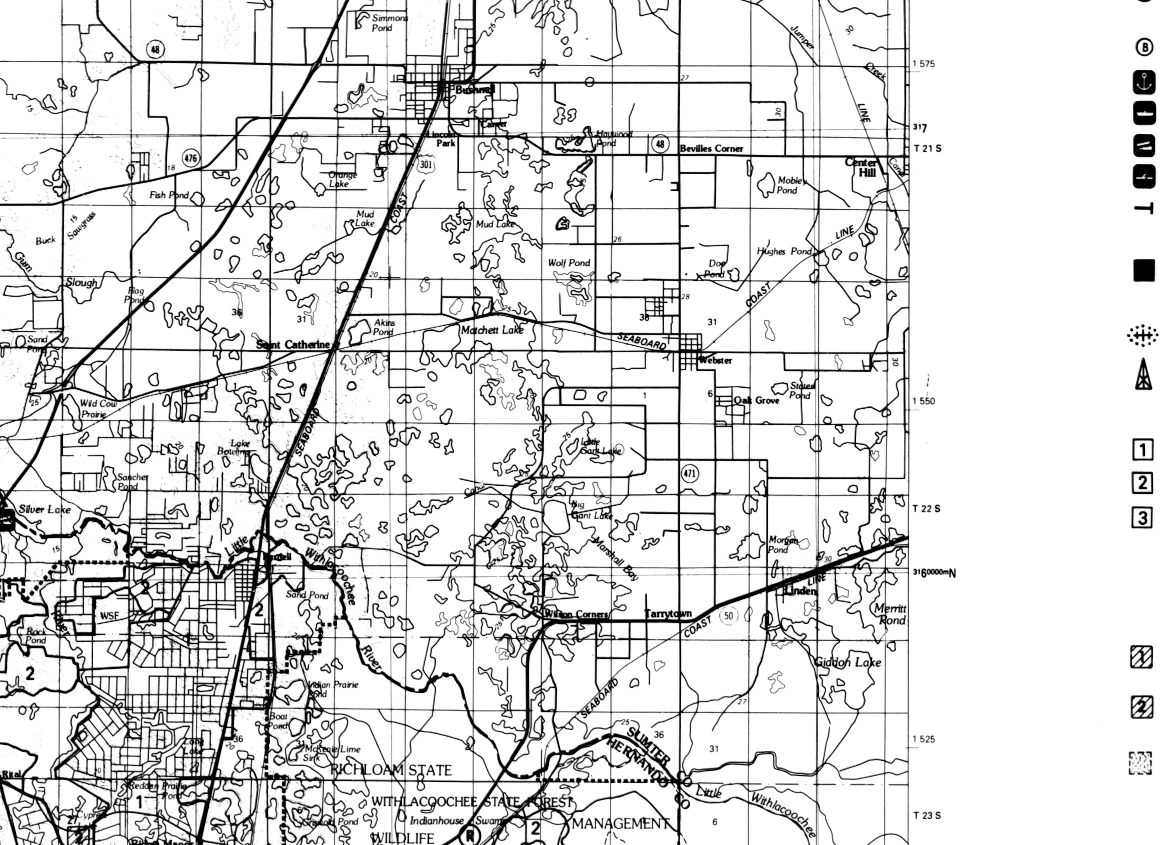
Overlay material compiled in 1983 from latest available data obtained from Federal, State and Local government agencies and other sources.

▪ ▬ ▪ ▬ ▪	NATIONAL LANDS: PARKS, PRESERVES, WILDERNESS AREAS, WILDLIFE REFUGES, MARINE AND ESTUARINE SANCTUARIES, AND MILITARY LANDS
▪▪▪▪▪▪▪▪▪▪	STATE PARKS, RECREATION AREAS, WILDERNESS AREAS AND WILDLIFE MANAGEMENT AREAS
⬚	STATE AQUATIC PRESERVE NOTE: Only those lands waterward of the mean high-water line, within this boundary area, are within the aquatic preserve.
Ⓒ	CONSERVATION LAND (STATE-OWNED) (Environmentally Endangered Land, Water Management Land and Archaeological and Historical Preservation Land)
Ⓡ	RECREATION LAND (≥ 25 ACRES) (County and Municipal Parks and Recreation Areas)
Ⓑ	INTENSIVELY UTILIZED RECREATIONAL BEACH ACCESS POINT
⚓	MARINA*
⛴	CHARTER AND/OR HEAD BOAT LOCATION
▰	PUBLIC BOAT RAMP
▰	FLORIDA CANOE TRAIL SYSTEM


1 575
317
1 550
316
1 525 000
FEET


Chassahowitzka Bay
Bird Island
CHASSAHOWITZKA
NATIONAL
WILDERNESS AREA
South Point
Saddle Key
SWAMP
Blind
Creek
CHASSAHOWITZKA
Raccoon Point
Pine Island
Rock Island Bay
Cooglers Beach
North Point
Bayport
Mud River Spring
Mud River
Weeki Wachee
Fiddlers Point
Cedar Point
Centipede Bay
Weeki Wachee Swamp
River
Weeki Wachee Spring
Weeki Wachee
Clear Hope Pond
Tooke Lake
Whitehurst Pond
Tailings Pond
Bailey Hill
Annutteliga Hammock
Quarry
Wiscon
296
595
50
302
321
308
291
320
312
314
305
324
318
317
309
45
47
42


Sand Point Pond
CITRUS CO
HERNANDO CO
COAST
SEABOARD
Spring Lake Prairie
WITHLACOOCHEE STATE FOREST
McKethan Lake
Istachatta
Townsen Lake
Nobleton
Pine Island
39
476
Stafford Lake
Johnson Pond
Tank Lake
Lake Lindsey
Lake Lindsey
Simmons Prairie Lake
May Prairie
Bagwell Lake
Rock Pond
Chinsegut Hill
Wade Prairie
R 20 E
R 21 E
Quarry
Hog Island
Withlacoochee
WITHLACOOCHEE STATE FOREST
Grassy Pond
Lookout
Tucker Hill
Fowler Pond
CROOM STATE WILDLIFE MANAGEMENT AREA
Croom
Kirk Hill
Smith Prairie
Quarry
Quarry
LINE
COAST
SEABOARD
Twin Pond
Spring Hill
Brooksville
Quarry
Horse Lake
Bystre Lake
Minden Hill
Oriole Lake
Tooke Lake Junction
Irvin Lake
T 22 S
T 23 S
581
98
50
41
75
49
50
51
301
311
299
329
300
319
326
335
313
43
327
26
53
48
293
1
2
3


Simmons Pond
48
Bushnell
Center
Lincoln Park
Haywood Pond
Beville's Corner
T 21 S
1 575
317
Jumper Creek
LINE
Center Hill
Canal
476
Fish Pond
Orange Lake
301
Mud Lake
Mobley Pond
Buck
Sawgrass
Gum Slough
Wolf Pond
Hughes Pond
Doe Pond
COAST
Flag Pond
Akins Pond
Matchett Lake
SEABOARD
Sand Pond
Saint Catherine
Webster
Wild Cow Prairie
Oak Grove
Stokes Pond
1 550
Lake Bowling
Little Gant Lake
Sancher Pond
471
Silver Lake
Big Gant Lake
T 22 S
Marshall Bay
Morgan Pond
Little Withlacoochee
Bardell
WSF
Sand Pond
Linden
3160000mN
Rock Pond
Wilson Corners
Tarrytown
50
Merritt Pond
River
Giddon Lake
Indian Prairie Pond
Boat Pond
Long Lake
McKenzie Lime Sink
SUMTER CO
HERNANDO CO
1 525
RICHLOAM STATE
Little Withlacoochee
Redden Prairie Pond
WITHLACOOCHEE STATE FOREST
Cypress
Indianhouse Swamp
Griswold Pond
MANAGEMENT
WILDLIFE
T 23 S
Rital
1
2
3

Recreation Areas)

INTENSIVELY UTILIZED RECREATIONAL BEACH ACCESS POINT

MARINA*

CHARTER AND/OR HEAD BOAT LOCATION

PUBLIC BOAT RAMP

FLORIDA CANOE TRAIL SYSTEM

MAJOR PUBLIC FISHING PIER*

ARTIFICAL REEF*
(Permitted by Florida Dept. of Environmental Regulation) Numbers next to reefs refer to composition data in narrative. Reef shapes vary on map.

SHIPWRECK (SUNKEN OR EXPOSED)

MAJOR OFFSHORE STRUCTURE
(≥ 30 FEET IN HEIGHT)

LAND USE

Urban Land

Agricultural Land

Range Land

All other land use classifications not portrayed consist primarily of wetlands and other habitats. Wetlands mapping units are delineated on Map A, Biological Resources.

LANDFILL*

Class 1 (≥ 200 tons/month or ≥ 50 cubic yards/month)

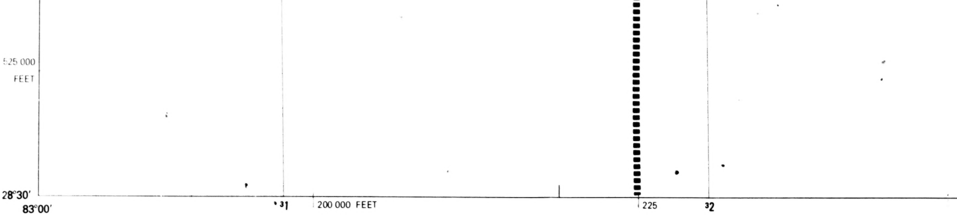
Class 2 (< 200 tons/month or < 50 cubic yards/month)

DREDGE SPOIL DISPOSAL SITE
(Permitted by the U.S. Army Corps of Engineers)

POINT SOURCE DISCHARGE*
(Permitted by the Florida Dept. of Environmental Regulation)

MICROCOPY RESOLUTION TEST CHART
NBS - 1010a
(ANSI and ISO TEST CHART No. 2)

1.0
1.1
1.25
1.4
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
4.5
5.0
5.6


525 000
FEET
28°30′
83°00′
31
200 000 FEET
225
32

THE FLORIDA ECOLOGICAL ATLAS WAS PRODUCED BY THE U.S. FISH AND WILDLIFE SERVICE, DIVISION OF BIOLOGICAL SERVICES, NATIONAL COASTAL ECOSYSTEMS TEAM (FWS/OBS - 82/47) AND THE MINERALS MANAGEMENT SERVICE FOR COASTAL PLANNERS, DECISION MAKERS, AND THE GENERAL PUBLIC, TO DETERMINE AND EVALUATE CHANGE AND TO RESOLVE CONFLICTS AMONG LAND USES, FISH AND WILDLIFE REQUIREMENTS, AND THE MAINTENANCE OF ECOLOGICAL DIVERSITY. THE STUDY AREA INCLUDES THE COASTAL COUNTIES: ESCAMBIA, SANTA ROSA, OKALOOSA, WALTON, WASHINGTON, BAY, CALHOUN, GULF, FRANKLIN, WAKULLA, JEFFERSON, TAYLOR, DIXIE, LEVY, CITRUS AND HERNANDO, AND EXTENDS OFFSHORE APPROXIMATELY 10 MILES. THERE IS NO ATTEMPT, IN THE DESIGN OR PRODUCTS OF THIS STUDY, TO DEFINE THE LIMITS OF PROPRIETARY JURISDICTION OF ANY FEDERAL, STATE, OR LOCAL GOVERNMENT TO ESTABLISH THE GEOGRAPHICAL SCOPE OF THE REGULATORY PROGRAMS OF GOVERNMENT AGENCIES.

THIS MAP HAS BEEN COMPILED FROM A VARIETY OF SOURCE MATERIALS INCLUDING MAPS, AERIAL PHOTOS, AND REPORTS. SINCE MANY SOURCES CONTAINED GENERALIZED LOCATIONS OF RESOURCES AND OTHER MAPPED FEATURES, THE USER SHOULD NOT RELY ON THESE MAPS FOR PRECISE MEASUREMENTS OF DISTANCES OR AREAS.

PRIMARY SOURCES OF MAPPED INFORMATION:

FEDERAL & STATE CONSERVATION, PRESERVATION & RECREATION AREAS: Fla. Dept. of Transportation, Areas of Environmental Concern Map Series, 1981.

MILITARY LANDS: Fla. Dept. of Transportation, Areas of Environmental Concern Map Series, 1981.

ARTIFICIAL REEFS: Fla. Sea Grant Program, 1982.

OFFSHORE STRUCTURES & SHIPWRECKS: National Ocean Survey Nautical Charts and Computer Printouts, 1981.

LAND USE CLASSIFICATION: U.S. Geological Survey Land Use Classification Maps, 1975.

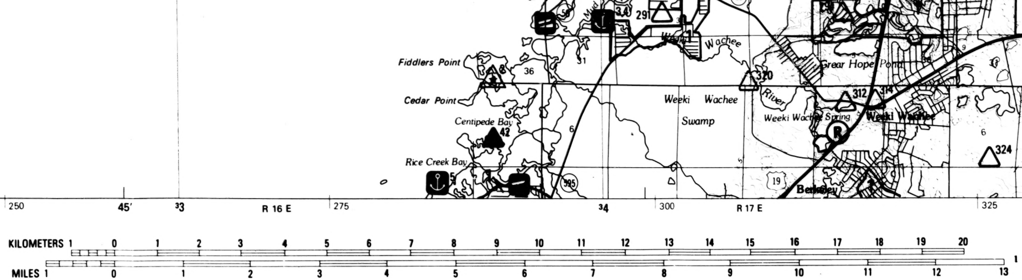
POINT SOURCE DISCHARGES AND LANDFILLS: Fla. Dept. of Environmental Regulation Computer Printouts, 1981.

DREDGE SPOIL DISPOSAL SITES: Fla. Dept. of Environmental Regulation, 1981.

HIS

NA

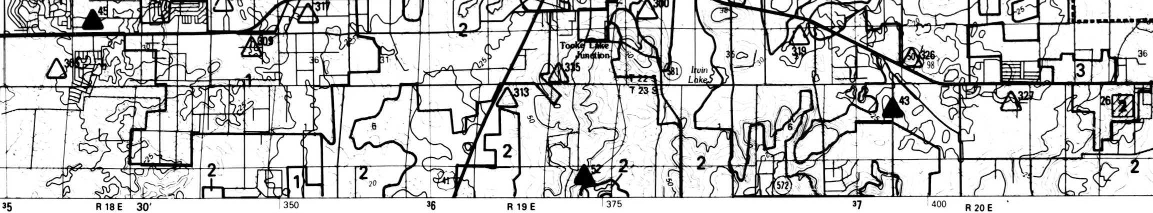
FO


Fiddlers Point
Cedar Point
Centipede Bay
Rice Creek Bay
Weeki Wachee
Weeki Wachee Swamp
Weeki Wachee River
Weeki Wachee Spring
Grear Hope Pond
Mud
291
320
312
314
324
42
8
36
31
6
595
19
250
45′
33
R 16 E
275
34
300
R 17 E
325
KILOMETERS 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
MILES 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13

STORICAL & ARCHAEOLOGICAL SITES: Compilation from
Fla. Bureau of Historic Preservation, 1982.

TURE CONSERVANCY LANDS: Data provided by
The Nature Conservancy, 1983.

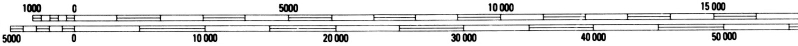
R COMPLETE REFERENCES SEE MAP NARRATIVE

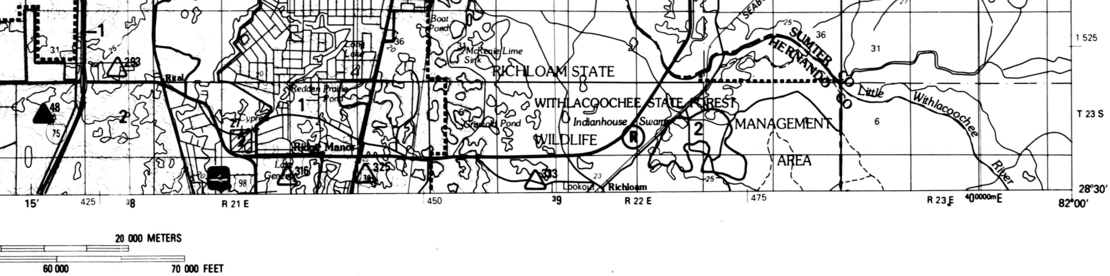

Tooke Lake
Junction
Irvin
Lake
T 22 S
T 23 S
45
317
300
309
36
335
381
319
326
313
43
327
26
52
572
41
3
2
1
6
36
31
30
25
50
20
98
35
R 18 E
30′
350
36
R 19 E
375
37
400
R 20 E

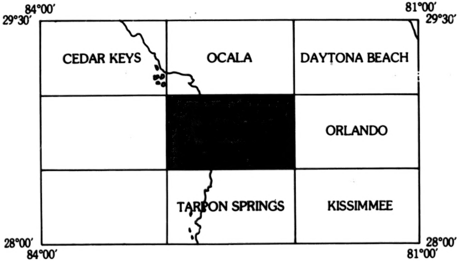
SCALE 1:100 000

1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND

CONTOUR INTFRVAL 5 METERS


1000
0
5000
10 000
15 000
5000
0
10 000
20 000
30 000
40 000
50 000

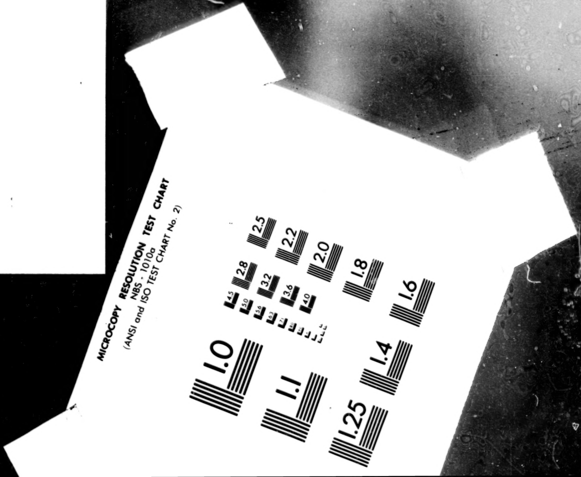
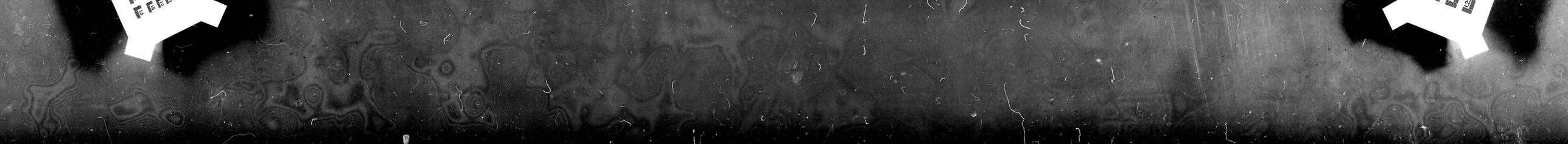

RICHLOAM STATE
WITHLACOOCHEE STATE FOREST
WILDLIFE
MANAGEMENT
AREA
Boat Pond
McKenie Lime Sink
Long Lake
Redden Prairie Pond
Cypress Lake
Ridge Manor
Lake Geneva
Rital
Griswold Pond
Indianhouse Swamp
Lookout
Richloam
SUMTER
HERNANDO
CO
CO
Little Withlacoochee River
SEABOARD
293
48
316
325
313
75
98
1 525
T 23 S
28°30′
82°00′
15′
425
38
R 21 E
450
39
R 22 E
475
R 23 E
400000m E
20 000 METERS
60 000
70 000 FEET


84°00′
29°30′
81°00′
29°30′
CEDAR KEYS
OCALA
DAYTONA BEACH
ORLANDO
TARPON SPRINGS
KISSIMMEE
28°00′
84°00′
28°00′
81°00′

▨	< 50 cubic yards/month)
▨	DREDGE SPOIL DISPOSAL SITE (Permitted by the U.S. Army Corps of Engineers)
	POINT SOURCE DISCHARGE* (Permitted by the Florida Dept. of Environmental Regulation)
▲	Industrial Point Source
△	Municipal Point Source
✳	NATIONAL NATURAL LANDMARK
★	NATIONAL REGISTER OF HISTORIC PLACES
△	ARCHAEOLOGICAL AND HISTORICAL SITES (Number next to symbol represents total number of archaeological and historic sites per township and range)
⊛	NATURE CONSERVANCY LAND
	STUDY AREA BOUNDARY
▪▪▪▪▪▪▪▪▪▪	**Offshore**
—— — ——	**Inland (County)**
—— - - ——	**Inland (State)**

Symbols appearing with numbers are described more fully in the narrative.

MICROFILMED FROM
BEST AVAILABLE COPY


MICROCOPY RESOLUTION TEST CHART
NBS - 1010a
(ANSI and ISO TEST CHART No. 2)
2.5
2.2
2.0
1.8
1.6
2.8
3.2
3.6
4.0
4.5
5.0
5.6
1.0
1.1
1.25
1.4